

GDHV01: HVPS Undervoltage.
GDOE08: Hot Deck Crowbarred (HVPS off).
GDOK00: Filament Current (A rms) = 3.453
GDOK01: Filament Voltage (V rms) = 5.319
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 39.7
GDOK04: HVPS Voltage (kV) = 0.11
GDOK05: Gun Average I (mA) = 0 - Error
GDOK06: Gun Peak I (A) = 1.091
GDOS02: 0 - Run I/L (Error pending). Mode = 1

GDHV01: HVPS Undervoltage.
GDOE08: Hot Deck Crowbarred (HVPS off).
GDOK00: Filament Current (A rms) = 3.454
GDOK01: Filament Voltage (V rms) = 5.319
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 39.7
GDOK04: HVPS Voltage (kV) = 0.11
GDOK05: Gun Average I (mA) = 0 - Error
GDOK06: Gun Peak I (A) = 1.089
GDOS02: 0 - Run I/L (Error pending). Mode = 1

GDHV01: HVPS Undervoltage.
GDOE08: Hot Deck Crowbarred (HVPS off).
GDOK00: Filament Current (A rms) = 3.451
GDOK01: Filament Voltage (V rms) = 5.316

GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 39.7
GDOK04: HVPS Voltage (kV) = 0.11
GDOK05: Gun Average I (mA) = 0 - Error
GDOK06: Gun Peak I (A) = 1.090
GDOS02: 0 - Run I/L (Error pending). Mode = 1

GDOK00: Filament Current (A rms) = 3.453
GDOK01: Filament Voltage (V rms) = 5.317
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 39.7
GDOK04: HVPS Voltage (kV) = 5.97
GDOK05: Gun Average I (mA) = 0 - Error
GDOK06: Gun Peak I (A) = 1.091
GDOS01: 0 - Run OK. Mode = 1

GDOK00: Filament Current (A rms) = 3.455
GDOK01: Filament Voltage (V rms) = 5.317
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 39.7
GDOK04: HVPS Voltage (kV) = 5.97
GDOK05: Gun Average I (mA) = 0 - Error
GDOK06: Gun Peak I (A) = 1.091
GDOS01: 0 - Run OK. Mode = 1
GDOS36: F - Report Errors =>
GDOS34: E - Monitor A/D Inputs (Hot Deck and Controller)

GDOS35: E - Monitor A/D Inputs. Use Inc/Dec to select...

GDIM00: Grid Pulse V (V, HD A/D 0) = -69.1 (BD00)

GDIM01: Grid Bias V (V, HD A/D 1) = 160.3 (CD40)

GDIM02: Filament I (A rms, HD A/D 2) = 3.453 (5868)

GDIM03: Filament V (V rms, HD A/D 3) = 5.320 (8834)

GDIM04: Filament P (Fil I * Fil V) = 18.26 (2EC0)

GDIM05: +5 V Power (V, HD A/D 4) = 4.952 (7EC8)

GDIM06: +15 V Power (V, HD A/D 5) = 15.84 (CAC0)

GDIM07: -15 V Power (V, HD A/D 6) = 15.17 (C22C)

GDIM08: Temperature (Celsius, HD A/D 7) = 32.4 (9C60)

GDIM09: Fil PWM (% , HD A/D 8) = .6767 (52C4)

GDIM11: A/D GND Check (HD A/D 10) = .0009 (0038)

GDIM12: A/D Self-Test (HD A/D 11) = 1.020 (8288)

GDIM13: Remote Grid (% , 12-bit A/D) = .4871 (7CB0)

GDIM16: HVPS V (kV, MCU A/D 2) = 0.11 (0100)

GDIM17: HVPS I (mA, MCU A/D 3) = 0.000 (0000) - Error

GDIM18: Peak Gun I (A, MCU A/D 4) = 1.092 (DFC0)

GDIM19: Gun Vacuum (uA, MCU A/D 5) = 0.00 (0000)

GDOS35: E - Monitor A/D Inputs. Use Inc/Dec to select...

GDIM00: Grid Pulse V (V, HD A/D 0) = -69.1 (BD00)

GDIM01: Grid Bias V (V, HD A/D 1) = 160.3 (CD38)

GDIM02: Filament I (A rms, HD A/D 2) = 3.456 (5878)

GDIM03: Filament V (V rms, HD A/D 3) = 5.320 (8834)

GDIM04: Filament P (Fil I * Fil V) = 18.26 (2EC0)

GDIM05: +5 V Power (V, HD A/D 4) = 4.952 (7EC4)

GDIM06: +15 V Power (V, HD A/D 5) = 15.84 (CAB8)

GDIM07: -15 V Power (V, HD A/D 6) = 15.17 (C240)
GDIM08: Temperature (Celsius, HD A/D 7) = 32.7 (9C80)
GDIM09: Fil PWM (% , HD A/D 8) = .6756 (5308)
GDIM11: A/D GND Check (HD A/D 10) = .0007 (0030)
GDIM12: A/D Self-Test (HD A/D 11) = 1.019 (8270)
GDIM13: Remote Grid (% , 12-bit A/D) = .5640 (9060)
GDIM16: HVPS V (kV, MCU A/D 2) = 0.11 (0100)
GDIM17: HVPS I (mA, MCU A/D 3) = 0.000 (0000) - Error
GDIM18: Peak Gun I (A, MCU A/D 4) = 1.090 (DF40)
GDIM19: Gun Vacuum (uA, MCU A/D 5) = 0.00 (0000)
GDOS35: E - Monitor A/D Inputs. Use Inc/Dec to select...
GDIM00: Grid Pulse V (V, HD A/D 0) = -69.2 (BD08)
GDIM01: Grid Bias V (V, HD A/D 1) = 160.3 (CD40)
GDOS36: F - Report Errors =>
GDOS00: 0 - Run =>

GDHO03: Grid Undervoltage.
GDHV01: HVPS Undervoltage.
GDOK00: Filament Current (A rms) = 3.451
GDOK01: Filament Voltage (V rms) = 5.320
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = -69.1
GDOK04: HVPS Voltage (kV) = 0.41
GDOK05: Gun Average I (mA) = 0.807
GDOK06: Gun Peak I (A) = 1.094
GDOS02: 0 - Run I/L (Error pending). Mode = 2

GDOK00: Filament Current (A rms) = 3.453

GDOK01: Filament Voltage (V rms) = 5.320

GDOK02: Filament Power (W) = 18.26

GDOK03: Grid Voltage (V) = 99.8

GDOK04: HVPS Voltage (kV) = 15.82

GDOK05: Gun Average I (mA) = 0.404

GDOK06: Gun Peak I (A) = 1.094

GDOS01: 0 - Run OK. Mode = 2

GDOK00: Filament Current (A rms) = 3.453

GDOK01: Filament Voltage (V rms) = 5.319

GDOK02: Filament Power (W) = 18.26

GDOK03: Grid Voltage (V) = 99.8

GDOK04: HVPS Voltage (kV) = 15.82

GDOK05: Gun Average I (mA) = 0.404

GDOK06: Gun Peak I (A) = 1.092

GDOS01: 0 - Run OK. Mode = 2

GDOS04: 1 - No Mode Active...

GDOS05: 2 - Set Display Intensity =>

GDOS06: 2 - Display Intensity = 4 - Maximum Intensity.

GDUR16: Save Value(s) to EEPROM =>

GDOS05: 2 - Set Display Intensity =>

GDOS06: 2 - Display Intensity = 4 - Maximum Intensity.

GDUR16: Save Value(s) to EEPROM =>

GDOS05: 2 - Set Display Intensity =>

GDOS06: 2 - Display Intensity = 4 - Maximum Intensity.
GDOS06: 2 - Display Intensity = 3 - Medium High Intensity.
GDOS06: 2 - Display Intensity = 2 - Medium Low Intensity.
GDOS06: 2 - Display Intensity = 1 - Minimum Intensity.
GDOS06: 2 - Display Intensity = 2 - Medium Low Intensity.
GDOS06: 2 - Display Intensity = 3 - Medium High Intensity.
GDOS06: 2 - Display Intensity = 4 - Maximum Intensity.
GDUR16: Save Value(s) to EEPROM =>
GDOS05: 2 - Set Display Intensity =>
GDOS07: 3 - Set Grid Voltage for selected Mode BCD =>

GDHO03: Grid Undervoltage.
GDHV01: HVPS Undervoltage.
GD0E00: Run option not selected (set to No Mode).
GDOK00: Filament Current (A rms) = 3.452
GDOK01: Filament Voltage (V rms) = 5.323
GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = -67.6
GDOK04: HVPS Voltage (kV) = 0.59
GDOK05: Gun Average I (mA) = 1.704
GDOK06: Gun Peak I (A) = 1.094
GDOS10: 3 - Set Gun Grid with Soft-pot Adjust. Mode = 2

GD0E00: Run option not selected (set to No Mode).
GDOK00: Filament Current (A rms) = 3.451
GDOK01: Filament Voltage (V rms) = 5.323

GDOK02: Filament Power (W) = 18.26
GDOK03: Grid Voltage (V) = 99.8
GDOK04: HVPS Voltage (kV) = 15.85
GDOK05: Gun Average I (mA) = 0.404
GDOK06: Gun Peak I (A) = 1.092
GDOS10: 3 - Set Gun Grid with Soft-pot Adjust. Mode = 2
GDOS11: 4 - Set Filament Voltage (Same for all Modes) =>
GDOS13: 5 - Set High Voltage for selected Mode BCD =>
GDOS11: 4 - Set Filament Voltage (Same for all Modes) =>
GDOK01: Filament Voltage (V rms) = 5.603
GDOS12: 4 - Set Gun Fil (V rms) = 5.320, Gun Vac (uA) = 0.00 (Local)
GDOS12: 4 - Set Gun Fil (V rms) = 5.334, Gun Vac (uA) = 0.00 (Local)
GDOS12: 4 - Set Gun Fil (V rms) = 5.337, Gun Vac (uA) = 0.00 (Local)
GDOS12: 4 - Set Gun Fil (V rms) = 5.313, Gun Vac (uA) = 0.00 (Local)
GDOS12: 4 - Set Gun Fil (V rms) = 5.306, Gun Vac (uA) = 0.00 (Local)
GDOS13: 5 - Set High Voltage for selected Mode BCD =>
GDOK04: HVPS Voltage (kV) = 16.17
GDOS14: 5 - Set HV (kV) = 0.59 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 1.55 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 2.43 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 3.48 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 4.42 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 5.24 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 6.01 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 6.77 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 7.50 Mode = 2 - Error

GDOS14: 5 - Set HV (kV) = 8.23 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 8.93 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 9.64 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 10.40 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 11.13 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 11.89 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 12.60 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 13.24 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 13.91 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 14.53 Mode = 2 - Error
GDOS14: 5 - Set HV (kV) = 15.11 Mode = 2 (Local)
GDOS14: 5 - Set HV (kV) = 15.70 Mode = 2 (Local)
GDOS14: 5 - Set HV (kV) = 15.87 Mode = 2 (Local)
GDOS15: 6 - Auto Process Gun (Filament and Grid) =>
GDOS21: 9 - Manual Process Gun Grid =>
GDOS23: A - Manual Process Gun Filament =>
GDOS25: B - Manual Process HV =>
GDOS27: C - Run System Self Check =>
GDOS28: C - Begin Display Test =>
GDOS30: D - Initialize EEPROM Memory (Clear Calibrations) =>
GDOS36: F - Report Errors =>
GDOS00: 0 - Run =>
GDOS04: 1 - No Mode Active...
GDOS00: 0 - Run =>